

Final 1998 Section 303(d) List - WRIA 39

Water Name	BIG CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	OY16AG	Old Segment ID #	WA-39-1073
Stream Route #	2.03	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	14E	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	Yakama Indian Nation Tribal data (submitted by Carrol Palmer on 8/10/93) show multiple excursions beyond the criterion between 1990 and 1992.		
Remarks			

Water Name	BIG CREEK		
Parameter	Instream Flow	Mediu	Habitat
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed Other Control
New Segment ID #	OY16AG	Old Segment ID #	WA-39-1073
Stream Route #	2.03	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	14E	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	U.S. Bureau of Reclamation, 1990.;USGS flow data 0.2 mile downstream of main canal, 0.8 miles upstream of Interstate-90.;Yakima River Subbasin Plan, 1990.;SASSI, 1993;Nehlsen, et al. 1991.;The stream meets all the Water Quality Program Policy criteria for inadequate instream flow and has been added to the list. Hydrology data is shown for 1967-77 and 1989. The Spring Chinook and summer steelhead stocks in the Yakima are listed as depressed(SASSI, 1994). The Yakima/ Klickitat Production Report in 1990found the Creek to be have excellent fish rearing and spawning habitat above the diversions. They found the limiting factor toe a lack of instream flow below the diversions. They found that Big Creek has substantial summer flows (3-15 cfs in 1989) above the upper diversion, but below this point, the creek carries no more than 1 cfs, most of which represents leakage. Flows are recharged somewhat by ground water over the next mile, however, most of this flow is removed at the lower diversion and the stream is nearly dry from this point to the mouth. These two diversions remove essentially all the water from the stream.		
Remarks			

Water Name	BLUE CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	BU07PV	Old Segment ID #	WA-39-1435
Stream Route #	0.81	Water Resource Inventory Area	39
Township	21N	Waterbody Grid #	
Range	17E	Grid Latitude	
Section	02	Grid Longitude	
Basis for Consideration of Listing	Yakama Indian Nation Tribal data (submitted by Carrol Palmer on 8/10/93) show multiple excursions beyond the criterion between 1990 and 1992.		
Remarks			

Water Name	CABIN CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	CX24KB	Old Segment ID #	WA-39-1075
Stream Route #	0	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	13E	Grid Latitude	
Section	09	Grid Longitude	
Basis for Consideration of Listing	Numerous excursions beyond the criterion sampled at the National Forest Boundary by Wenatchee National Forest between 1989 and 1994 (submitted by Bella Patheal of EPA on 12/1/95) .		
Remarks			

Water Name	CHERRY CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	FT68CJ	Old Segment ID #	WA-39-1032
Stream Route #	0	Water Resource Inventory Area	39
Township	17N	Waterbody Grid #	
Range	19E	Grid Latitude	
Section	31	Grid Longitude	
Basis for Consideration of Listing	Yakama Indian Nation data (submitted by Carroll Palmer on 10/31/97) show 4 excursions beyond the criterion out of 16 samples (25%) in 1995. Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96) show 4 excursions beyond the criterion in 1995.		
Remarks			

Water Name	CHERRY CREEK		
Parameter	DDT	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	FT68CJ	Old Segment ID #	WA-39-1032
Stream Route #	2.029	Water Resource Inventory Area	39
Township	17N	Waterbody Grid #	
Range	19E	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	Rinella, et al. 1992 , 2 excursions beyond the criterion (at Thrall) on 8/31/88 and 3/9/89.		
Remarks			

Water Name	CHERRY CREEK		
Parameter	4,4'-DDE	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	FT68CJ	Old Segment ID #	WA-39-1032
Stream Route #	2.029	Water Resource Inventory Area	39
Township	17N	Waterbody Grid #	
Range	19E	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	6 excursions beyond National Toxics Rule (40 CFR Part 131) criterion at USGS station 12484480 (at Thrall) in 1988 and 1989.		
Remarks			

Water Name	CHERRY CREEK		
Parameter	Dieldrin	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	FT68CJ	Old Segment ID #	WA-39-1032
Stream Route #	2.029	Water Resource Inventory Area	39
Township	17N	Waterbody Grid #	
Range	19E	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	Rinella, et al. 1992 , 6 excursions beyond the criterion (at Thrall) between 5/5/88 and 3/9/89.		
Remarks			

Water Name	CLE ELUM RIVER		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	XN92GU	Old Segment ID #	WA-39-1050
Stream Route #	12.635	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	14E	Grid Latitude	
Section	10	Grid Longitude	
Basis for Consideration of Listing	26 excursions beyond the criterion at the mouth to Cle Elum Lake sampled by Wenatchee National Forest in 1993 (submitted by Bella Patheal of EPA on 12/1/95) .		
Remarks			

Water Name	COOKE CREEK		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	SZ58XV	Old Segment ID #	WA-39-1034
Stream Route #	3.358	Water Resource Inventory Area	39
Township	17N	Waterbody Grid #	
Range	19E	Grid Latitude	
Section	11	Grid Longitude	
Basis for Consideration of Listing	Joy, 1988. 2 excursions beyond the upper criterion at Cooke Creek RM 0.25 on 8/18/87 and 8/19/87.		
Remarks			

Water Name	COOKE CREEK		
Parameter	Dissolved Oxygen	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	SZ58XV	Old Segment ID #	WA-39-1034
Stream Route #	3.358	Water Resource Inventory Area	39
Township	17N	Waterbody Grid #	
Range	19E	Grid Latitude	
Section	11	Grid Longitude	
Basis for Consideration of Listing	Joy, 1988. 2 excursions beyond the criterion at Cooke Creek RM 0.8 on 8/18/87 and 8/19/87.		
Remarks			

Water Name	COOKE CREEK		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	SZ58XV	Old Segment ID #	WA-39-1034
Stream Route #	2.518	Water Resource Inventory Area	39
Township	17N	Waterbody Grid #	
Range	19E	Grid Latitude	
Section	10	Grid Longitude	
Basis for Consideration of Listing	Joy, 1988. 2 excursions beyond the upper criterion at Cooke Creek RM 0.06 on 8/18/87 and 8/19/87.		
Remarks			

Water Name	COOKE CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	SZ58XV	Old Segment ID #	WA-39-1034
Stream Route #	22.539	Water Resource Inventory Area	39
Township	19N	Waterbody Grid #	
Range	20E	Grid Latitude	
Section	19	Grid Longitude	
Basis for Consideration of Listing	Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96) show 2 excursions beyond the criterion in 1993.		
Remarks			

Water Name	COOKE CREEK		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> Yes Action Needed None
New Segment ID #	SZ58XV	Old Segment ID #	WA-39-1034
Stream Route #	2.518	Water Resource Inventory Area	39
Township	17N	Waterbody Grid #	
Range	19E	Grid Latitude	
Section	10	Grid Longitude	
Basis for Consideration of Listing	Joy, 1993. Fecal coliform was not measured in this study		
Remarks	The proposed listing based on these data was in error. Fecal coliform was not measured in Joy (1993).		

Water Name	COOKE CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	SZ58XV	Old Segment ID #	WA-39-1034
Stream Route #	24.145	Water Resource Inventory Area	39
Township	19N	Waterbody Grid #	
Range	20E	Grid Latitude	
Section	19	Grid Longitude	
Basis for Consideration of Listing	Yakama Indian Nation Tribal data (submitted by Carrol Palmer on 8/10/93) show multiple excursions beyond the criterion between 1990 and 1992.		
Remarks			

Water Name	COOKE CREEK		
Parameter	Dissolved Oxygen	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	SZ58XV	Old Segment ID #	WA-39-1034
Stream Route #	2.518	Water Resource Inventory Area	39
Township	17N	Waterbody Grid #	
Range	19E	Grid Latitude	
Section	10	Grid Longitude	
Basis for Consideration of Listing	Joy, 1993. 4 excursions beyond the criterion 200 feet below the Kittitas WWTP outfall during 1993.		
Remarks			

Water Name	COOPER RIVER		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	WX84IT	Old Segment ID #	WA-39-1055
Stream Route #	0	Water Resource Inventory Area	39
Township	22N	Waterbody Grid #	
Range	14E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	21 excursions beyond the criterion sampled at the mouth by Wenatchee National Forest in 1994 (submitted by Bella Patheal of EPA on 12/1/95) .		
Remarks			

Water Name	CRYSTAL CREEK		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed None
New Segment ID #	VQ25DC	Old Segment ID #	WA-39-1037
Stream Route #	2.579	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	15E	Grid Latitude	
Section	21	Grid Longitude	
Basis for Consideration of Listing	Willms, 1991. No excursions beyond the criterion were measured in this study. Worst-case modeling predicted that standards would not be met under critical design conditions.		
Remarks	TMDL based on necessary permit limits described in Willms, 1991, submitted on 3/9/92. EPA approved the TMDL on 2/12/93.		

Water Name	CRYSTAL CREEK		
Parameter	Dissolved Oxygen	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> None
New Segment ID #	VQ25DC	Old Segment ID #	WA-39-1037
Stream Route #	2.579	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	15E	Grid Latitude	
Section	21	Grid Longitude	
Basis for Consideration of Listing	Willms, 1991. No excursions beyond the criterion were measured in this study. Worst-case modeling predicted that standards would not be met under critical design conditions.		
Remarks	TMDL based on necessary permit limits described in Willms, 1991, submitted on 3/9/92. EPA approved the TMDL on 2/12/93.		

Water Name	CRYSTAL CREEK		
Parameter	Chlorine	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> None
New Segment ID #	VQ25DC	Old Segment ID #	WA-39-1037
Stream Route #	2.579	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	15E	Grid Latitude	
Section	21	Grid Longitude	
Basis for Consideration of Listing	Willms, 1991. No excursions beyond the criterion were measured in this study. Worst-case modeling predicted that standards would not be met under critical design conditions.		
Remarks	TMDL based on necessary permit limits described in Willms, 1991, submitted on 3/9/92. EPA approved the TMDL on 2/12/93.		

Water Name	CRYSTAL CREEK		
Parameter	Ammonia-N	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="text" value="None"/>
New Segment ID #	VQ25DC	Old Segment ID #	WA-39-1037
Stream Route #	2.579	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	15E	Grid Latitude	
Section	21	Grid Longitude	
Basis for Consideration of Listing	Willms, 1991. No excursions beyond the criterion were measured in this study. Worst-case modeling predicted that standards would not be met under critical design conditions.		
Remarks	TMDL based on necessary permit limits described in Willms, 1991, submitted on 3/9/92. EPA approved the TMDL on 2/12/93.		

Water Name	CRYSTAL CREEK		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="text" value="None"/>
New Segment ID #	VQ25DC	Old Segment ID #	WA-39-1037
Stream Route #	5.063	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	15E	Grid Latitude	
Section	17	Grid Longitude	
Basis for Consideration of Listing	Joy, 1985. 2 excursions beyond the upper criterion at Crystal Creek RM 2.7 and 3.0 on 6/11/86 and 6/12/86.		
Remarks	TMDL based on necessary permit limits described in Willms, 1991, submitted on 3/9/92. EPA approved the TMDL on 2/12/93.		

Water Name	CRYSTAL CREEK		
Parameter	Dissolved Oxygen	Mediu	Water
Place on 1998 List?	No	Listed in 1996	No
		Action Needed	None
New Segment ID #	VQ25DC	Old Segment ID #	WA-39-1037
Stream Route #	2.579	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	15E	Grid Latitude	
Section	21	Grid Longitude	
Basis for Consideration of Listing	Joy, 1985. 1 excursions beyond the criterion at Crystal Creek RM 1.8 on 6/11/86		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing. TMDL based on necessary permit limits described in Willms, 1991, submitted on 3/9/92. EPA approved the TMDL on 2/12/93.		

Water Name	CRYSTAL CREEK		
Parameter	Chlorine	Mediu	Water
Place on 1998 List?	No	Listed in 1996	No
		Action Needed	None
New Segment ID #	VQ25DC	Old Segment ID #	WA-39-1037
Stream Route #	2.579	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	15E	Grid Latitude	
Section	21	Grid Longitude	
Basis for Consideration of Listing	Joy, 1985. 2 excursions beyond the criterion at Crystal Creek RM 1.6 and 1.8 on 6/11/86 and 6/12/86.		
Remarks	TMDL based on necessary permit limits described in Willms, 1991, submitted on 3/9/92. EPA approved the TMDL on 2/12/93.		

Water Name	CRYSTAL CREEK		
Parameter	Ammonia-N	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> None
New Segment ID #	VQ25DC	Old Segment ID #	WA-39-1037
Stream Route #	2.579	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	15E	Grid Latitude	
Section	21	Grid Longitude	
Basis for Consideration of Listing	Joy, 1985. 2 excursions beyond the criterion at Crystal Creek RM 1.6 and 1.8 on 6/11/86 and 6/12/86.		
Remarks	TMDL based on necessary permit limits described in Willms, 1991, submitted on 3/9/92. EPA approved the TMDL on 2/12/93.		

Water Name	CRYSTAL CREEK		
Parameter	pH	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input checked="" type="checkbox"/> Yes Action Needed <input type="checkbox"/> None
New Segment ID #	VQ25DC	Old Segment ID #	WA-39-1037
Stream Route #	2.579	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	15E	Grid Latitude	
Section	21	Grid Longitude	
Basis for Consideration of Listing	Joy, 1985. No excursions beyond the criterion were measured in Crystal Creek in this study. pH values were exceeded only in the waste stream of the Roslyn Wastewater Lagoon.		
Remarks	This segment was proposed for listing in error based on the cited report.		

Water Name	FRENCH CABIN CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="text"/> None
New Segment ID #	AJ66HF	Old Segment ID #	WA-39-1051
Stream Route #	<input type="text"/> 0	Water Resource Inventory Area	<input type="text"/> 39
Township	<input type="text"/> 22N	Waterbody Grid #	<input type="text"/>
Range	<input type="text"/> 14E	Grid Latitude	<input type="text"/>
Section	<input type="text"/> 32	Grid Longitude	<input type="text"/>
Basis for Consideration of Listing	1 excursion beyond the criterion sampled at the mouth by Wenatchee National Forest on 7/26/94 (submitted by Bella Patheal of EPA on 12/1/95) .		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program Policy for listing.		

Water Name	GALE CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed <input type="text"/> TMDL
New Segment ID #	RZ54RL	Old Segment ID #	WA-39-1300
Stream Route #	<input type="text"/> 0	Water Resource Inventory Area	<input type="text"/> 39
Township	<input type="text"/> 22N	Waterbody Grid #	<input type="text"/>
Range	<input type="text"/> 13E	Grid Latitude	<input type="text"/>
Section	<input type="text"/> 32	Grid Longitude	<input type="text"/>
Basis for Consideration of Listing	31 excursions beyond the criterion sampled at the mouth by Wenatchee National Forest in 1994 (submitted by Bella Patheal of EPA on 12/1/95) .		
Remarks	<input type="text"/>		

Water Name	GOLD CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	ZS28LG	Old Segment ID #	WA-39-1390
Stream Route #	4.909	Water Resource Inventory Area	39
Township	22N	Waterbody Grid #	
Range	11E	Grid Latitude	
Section	01	Grid Longitude	
Basis for Consideration of Listing	4 excursions beyond the criterion sampled by Wenatchee National Forest below Old Gold Unit #8 in 6/94 (submitted by Bella Patheal of EPA on 12/1/95) .		
Remarks			

Water Name	IRON CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	YW62RW	Old Segment ID #	WA-39-1440
Stream Route #	0.059	Water Resource Inventory Area	39
Township	21N	Waterbody Grid #	
Range	17E	Grid Latitude	
Section	03	Grid Longitude	
Basis for Consideration of Listing	Yakama Indian Nation Tribal data (submitted by Carrol Palmer on 8/10/93) show multiple excursions beyond the criterion between 1990 and 1992.		
Remarks			

Water Name	LOG CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	SP21BV	Old Segment ID #	WA-39-1077
Stream Route #	0	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	13E	Grid Latitude	
Section	19	Grid Longitude	
Basis for Consideration of Listing	8 excursions beyond the criterion sampled at the mouth by Wenatchee National Forest between 1989 and 1990 (submitted by Bella Patheal of EPA on 12/1/95) .		
Remarks			

Water Name	LOOKOUT CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	YU33XF	Old Segment ID #	WA-39-1558
Stream Route #	24.575	Water Resource Inventory Area	39
Township	19N	Waterbody Grid #	
Range	14E	Grid Latitude	
Section	02	Grid Longitude	
Basis for Consideration of Listing	Yakama Indian Nation Tribal data (submitted by Carrol Palmer on 8/10/93) show multiple excursions beyond the criterion between1990 and 1992.		
Remarks			

Water Name	MANASTASH CREEK		
Parameter	Instream Flow	Mediu	Habitat
Place on 1998 List?	Yes	Listed in 1996	Yes Action Needed Other Control
New Segment ID #	AT33DI	Old Segment ID #	WA-39-3000
Stream Route #	0.061	Water Resource Inventory Area	39
Township	17N	Waterbody Grid #	
Range	18E	Grid Latitude	
Section	04	Grid Longitude	
Basis for Consideration of Listing	USGS flow data from a gage near the mouth; U.S.. Bureau of Reclamation, 1990;U.S. Fish and Wildlife, 1990;Yakima River Subbasin Plan, 1990;SASSI, 1993;Nehlnson, et al. 1991.;The stream meets all the Water Quality Program criteria for inadequate instream flow and has been added to the list. Hydrology data is shown for 1981 and 1988-90. Minimum instream flow levels were recommended by the USFWS (Simmons, 1983) after doing studies. The minimum flows of 20 to 55 cfs for July through November were not met on any days in 1981 and 1989. In August, 1988 the creek was dry from RM 1.5 to 3.0 and from RM 3.3to 4.9 with all reaches below the Manastash Ditch at RM 5.7 noted as having a less-than-natural discharge (Yakima Subbasin Plan,1990). The Spring Chinook and summer steelhead stocks in the Yakima are listed as depressed (SASSI, 1993). Eight diversions, located downstream of RM 5.7, presently restrict anadromous fish production in this system (Yakima/Klickitat Production Report,1990).		
Remarks			

Water Name	MANASTASH CREEK, S.F.		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	Yes	Listed in 1996	Yes Action Needed TMDL
New Segment ID #	WW44PW	Old Segment ID #	WA-39-3025
Stream Route #	14.54	Water Resource Inventory Area	39
Township	18N	Waterbody Grid #	
Range	15E	Grid Latitude	
Section	36	Grid Longitude	
Basis for Consideration of Listing	Numerous excursions beyond the criterion sampled at the National Forest Boundary by Wenatchee National Forest in 1992 and 1994 (submitted by Bella Patheal of EPA on 12/1/95) .		
Remarks			

Water Name	MANASTASH CREEK, S.F.		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	WW44PW	Old Segment ID #	WA-39-3020
Stream Route #	0	Water Resource Inventory Area	39
Township	17N	Waterbody Grid #	
Range	17E	Grid Latitude	
Section	17	Grid Longitude	
Basis for Consideration of Listing	Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96) show 18 excursions beyond the criterion in 1994.		
Remarks			

Water Name	MEADOW CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	CL02YY	Old Segment ID #	WA-39-1350
Stream Route #	1.251	Water Resource Inventory Area	39
Township	21N	Waterbody Grid #	
Range	11E	Grid Latitude	
Section	13	Grid Longitude	
Basis for Consideration of Listing	12 excursions beyond the criterion sampled at National Forest Boundary by Wenatchee National Forest in 1994 (submitted by Bella Patheal of EPA on 12/1/95) .		
Remarks			

Water Name	NANEUM CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	MA29CN	Old Segment ID #	WA-39-1025
Stream Route #	27.456	Water Resource Inventory Area	39
Township	19N	Waterbody Grid #	
Range	19E	Grid Latitude	
Section	03	Grid Longitude	
Basis for Consideration of Listing	Yakama Indian Nation Tribal data (submitted by Carrol Palmer on 8/10/93) show multiple excursions beyond the criterion between 1990 and 1992.		
Remarks			

Water Name	SELAH DITCH		
Parameter	Dissolved Oxygen	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	DV19FG	Old Segment ID #	WA-39-1110
Stream Route #	0.067	Water Resource Inventory Area	39
Township	13N	Waterbody Grid #	
Range	18E	Grid Latitude	
Section	01	Grid Longitude	
Basis for Consideration of Listing	Joy, 1990. 2 excursions beyond the criterion at several locations on Selah Ditch on 10/25/88 and 10/26/88.		
Remarks			

Water Name	SELAH DITCH		
Parameter	Chlorine	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	DV19FG	Old Segment ID #	WA-39-1110
Stream Route #	0.067	Water Resource Inventory Area	39
Township	13N	Waterbody Grid #	
Range	18E	Grid Latitude	
Section	01	Grid Longitude	
Basis for Consideration of Listing	Joy, 1990. Chlorine values did not exceed the standards in this study. However, a modeling showed that chlorine standards would not be met under critical conditions.		
Remarks			

Water Name	SELAH DITCH		
Parameter	Ammonia-N	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	DV19FG	Old Segment ID #	WA-39-1110
Stream Route #	0.067	Water Resource Inventory Area	39
Township	13N	Waterbody Grid #	
Range	18E	Grid Latitude	
Section	01	Grid Longitude	
Basis for Consideration of Listing	Joy, 1990. Ammonia values did not exceed the standards in this study. However, a modeling showed that ammonia standards would not be met under critical conditions.		
Remarks			

Water Name	STAFFORD CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	IY03YA	Old Segment ID #	WA-39-2155
Stream Route #	0	Water Resource Inventory Area	39
Township	22N	Waterbody Grid #	
Range	16E	Grid Latitude	
Section	33	Grid Longitude	
Basis for Consideration of Listing	35 excursions beyond the criterion sampled at the mouth by Wenatchee National Forest in 1994 (submitted by Bella Patheal of EPA on 12/1/95) .		
Remarks			

Water Name	STAFFORD CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	IY03YA	Old Segment ID #	WA-39-2155
Stream Route #	0	Water Resource Inventory Area	39
Township	22N	Waterbody Grid #	
Range	16E	Grid Latitude	
Section	33	Grid Longitude	
Basis for Consideration of Listing	Yakama Indian Nation Tribal data (submitted by Carrol Palmer on 8/10/93) show multiple excursions beyond the criterion between1990 and 1992.		
Remarks			

Water Name	SWAUK CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	Yes	Listed in 1996	Yes Action Needed TMDL
New Segment ID #	EQ32WA	Old Segment ID #	WA-39-1400
Stream Route #	16.869	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	17E	Grid Latitude	
Section	01	Grid Longitude	
Basis for Consideration of Listing	Yakama Indian Nation Tribal data (submitted by Carrol Palmer on 8/10/93) show multiple excursions beyond the criterion between 1990 and 1992.		
Remarks			

Water Name	SWAUK CREEK		
Parameter	Instream Flow	Mediu	Habitat
Place on 1998 List?	No	Listed in 1996	No
		Action Needed	None
New Segment ID #	EQ32WA	Old Segment ID #	WA-39-1400
Stream Route #	5.302	Water Resource Inventory Area	39
Township	19N	Waterbody Grid #	
Range	17E	Grid Latitude	
Section	05	Grid Longitude	
Basis for Consideration of Listing	<p>The hydrology available from USGS shows the flows were measured from 1909 to 1914. The Creek went dry in 1914 in August and September, but was 0.5 cfs in 1910 and 1911 in those same months. Miscellaneous measurements by USGS in those same months in 1967, 1970, 1973, 1977, and 1981 showed flows from 0.39 to 2.55 cfs. This meets listing criteria for hydrology information. The commentor also said the creek was dry in those same months on multiple occasions since 1988, but no dates were provided. Spring Chinook and summer steelhead stocks in the Yakima are listed as depressed (SASSI, 1993). The Coho stock has become extinct. Instream flow levels appear to be inadequate since summer/fall flows seem to often be between 0.5 to 0.0 cfs. In Appendix 1 of the Yakima Subbasin Plan (1990), the Summary of Aquatic Habitat says, 'The only active diversion on the creek, the Burke diversion at RM 7.0, is relatively small, and does not appear to impact downstream flows significantly.' 'At the present time, naturally occurring low flows throughout the system and the absence of flow in the lower three to five miles in the fall limit steelhead production rather severely, and totally preclude Coho production.'</p>		
Remarks	<p>The information provided does not meet the criteria to show human caused alteration of the environment, since the Subbasin Report written by the Yakama Tribe as the lead with assistance by the Departments of Fisheries and Wildlife says the only diversion on the creek does not appear to impact downstream flows and that the low or no flow in the lower section of the creek is a naturally occurring event. The stream segment does not meet all the Water Quality Program Policy criteria for inadequate instream flow and has not be added to the list.</p>		

Water Name	SWAUK CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	EQ32WA	Old Segment ID #	WA-39-1420
Stream Route #	13.397	Water Resource Inventory Area	39
Township	21N	Waterbody Grid #	
Range	17E	Grid Latitude	
Section	15	Grid Longitude	
Basis for Consideration of Listing	Yakama Indian Nation Tribal data (submitted by Carrol Palmer on 8/10/93) show multiple excursions beyond the criterion between 1990 and 1992.		
Remarks			

Water Name	TANEUM CREEK		
Parameter	Instream Flow	Mediu	Habitat
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed Other Control
New Segment ID #	WF36AI	Old Segment ID #	WA-39-1500
Stream Route #	0.577	Water Resource Inventory Area	39
Township	19N	Waterbody Grid #	
Range	17E	Grid Latitude	
Section	33	Grid Longitude	
Basis for Consideration of Listing	U.S. Bureau of Reclamation, 1990 , measured flows near the mouth; USGS flow data from gage at the mouth; U.S.. Fish and Wildlife, 1990; Yakima River Subbasin Plan, 1990; SASSI, 1993; Nehlson, et al. 1991.; The lower stream segment meets all the Water Quality Program Policy criteria for inadequate instream flow and has been added to the 303d list. Hydrology data is shown for 1980-81 and 1988-90. Minimum instream flow levels were recommended by the USFWS (Simmons, 1983) after doing studies. The minimum flows of 15 cfs for July and August, and 10 cfs for September were not met on more than 95% of the days. Spring Chinook and summer steelhead stocks in the Yakima are listed as depressed (SASSI, 1993). The Coho stock has become extinct. Good Coho runs existed in Taneum Creek until construction of the Taneum Ditch in 1910 (Yakima Basin Subbasin Plan). The main constraint to restoration of spring Chinook in the Taneum system is low summer and fall flows (Yakima/Klickitat Production Report, 1990). There are four main diversions, but the Taneum Ditch at RM 2.4 removes most of the water.		
Remarks			

Water Name	TANEUM CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	WF36AI	Old Segment ID #	WA-39-1520
Stream Route #	0.577	Water Resource Inventory Area	39
Township	18N	Waterbody Grid #	
Range	17E	Grid Latitude	
Section	04	Grid Longitude	
Basis for Consideration of Listing	31 excursions beyond the criterion sampled at National Forest Boundary by Wenatchee National Forest in 1994 (submitted by Bella Patheal of EPA on 12/1/95) .		
Remarks			

Water Name	TANEUM CREEK, S.F.		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	WJ69FI	Old Segment ID #	WA-39-1570
Stream Route #	1.047	Water Resource Inventory Area	39
Township	19N	Waterbody Grid #	
Range	15E	Grid Latitude	
Section	26	Grid Longitude	
Basis for Consideration of Listing	8 excursions beyond the criterion sampled at the mouth by Wenatchee National Forest in 1994 (submitted by Bella Patheal of EPA on 12/1/95) .		
Remarks			

Water Name	TEANAWAY RIVER		
Parameter	Instream Flow	Mediu	Habitat
Place on 1998 List?	Yes	Listed in 1996	Yes Action Needed Other Control
New Segment ID #	ZH39IA	Old Segment ID #	WA-39-2000
Stream Route #	0	Water Resource Inventory Area	39
Township	19N	Waterbody Grid #	
Range	16E	Grid Latitude	
Section	03	Grid Longitude	
Basis for Consideration of Listing	<p>U.S. Bureau of Reclamation, 1990 , flows measured near the mouth; U.S.. Bureau of Reclamation flow data from gage at RM 11;U.S. Fish and Wildlife, 1990;Yakima River Subbasin Plan, 1990;SASSI, 1993;Nehlsn, et al. 1991.;The stream meets all the Water Quality Program Policy criteria for inadequate instream flow and has been added to the list. Hydrology data is shown for 1927-1977, 1988-1990, and 1994-1995. Minimum instream flow levels were recommended by the USFWS(Simmons, 1983) after doing studies. The minimum flows of 485 cfs for June, 65 cfs for July and August, and 30 cfs for September were not met on more than 99% of the days in 1994. Spring Chinook and summer steelhead stocks in the Yakima are listed as depressed(SASSI, 1993). The Coho stock has become extinct. The Teanaway Creek was historically one of the top producers of spring Chinook, steelhead, and Coho in the Yakima basin (Yakima Basin Subbasin Plan, 1990). The main constraint to salmon production and restoration is low summer and fall flows preventing spring Chinook and Coho spawning and passage upstream (Yakima/Klickitat Production Report, 1990). The same report states that the lower ten miles are heavily irrigated, and by September and October the lower river is dry or nearly dry. The Bureau of Fisheries Report(1936-1942) identified 9 diversions on Teanaway Creek on July 2-5, 1936 along with an additional 36 adjudicated water rights.</p>		
Remarks			

Water Name	TEANAWAY RIVER		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	Yes	Listed in 1996	Yes Action Needed TMDL
New Segment ID #	ZH39IA	Old Segment ID #	WA-39-2000
Stream Route #	0	Water Resource Inventory Area	39
Township	19N	Waterbody Grid #	
Range	16E	Grid Latitude	
Section	03	Grid Longitude	
Basis for Consideration of Listing	<p>Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96)show 41 excursions beyond the criterion in 1994.</p>		
Remarks			

Water Name	TEANAWAY RIVER, M.F.		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	KB71OY	Old Segment ID #	WA-39-2200
Stream Route #	6.632	Water Resource Inventory Area	39
Township	21N	Waterbody Grid #	
Range	15E	Grid Latitude	
Section	21	Grid Longitude	
Basis for Consideration of Listing	Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96) show 2 excursions beyond the criterion in 1993 at station MFTY1.		
Remarks			

Water Name	TEANAWAY RIVER, M.F.		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	MB56NU	Old Segment ID #	WA-39-2250
Stream Route #	1.64	Water Resource Inventory Area	39
Township	21N	Waterbody Grid #	
Range	15E	Grid Latitude	
Section	02	Grid Longitude	
Basis for Consideration of Listing	Yakama Indian Nation Tribal data (submitted by Carrol Palmer on 8/10/93) show multiple excursions beyond the criterion between 1990 and 1992.		
Remarks			

Water Name	TEANAWAY RIVER, M.F.		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	KB71OY	Old Segment ID #	WA-39-2200
Stream Route #	0.341	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	16E	Grid Latitude	
Section	06	Grid Longitude	
Basis for Consideration of Listing	Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96)show 51 excursions beyond the criterion at station MFTY0 in 1995.		
Remarks			

Water Name	TEANAWAY RIVER, M.F.		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	KB71OY	Old Segment ID #	WA-39-2250
Stream Route #	8.42	Water Resource Inventory Area	39
Township	21N	Waterbody Grid #	
Range	15E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	Numerous excursions beyond the criterion sampled at the National forest Boundary by Wenatchee National Forest in 1994 (submitted by Bella Patheal of EPA on 12/1/95) .		
Remarks			

Water Name	TEANAWAY RIVER, N.F.		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	TI29YR	Old Segment ID #	WA-39-2100
Stream Route #	0.001	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	16E	Grid Latitude	
Section	06	Grid Longitude	
Basis for Consideration of Listing	Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96) show 23 excursions beyond the criterion in 1995.		
Remarks			

Water Name	TEANAWAY RIVER, N.F.		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	TI29YR	Old Segment ID #	WA-39-2150
Stream Route #	13.688	Water Resource Inventory Area	39
Township	22N	Waterbody Grid #	
Range	16E	Grid Latitude	
Section	32	Grid Longitude	
Basis for Consideration of Listing	Yakama Indian Nation Tribal data (submitted by Carrol Palmer on 8/10/93) show multiple excursions beyond the criterion between 1990 and 1992.		
Remarks			

Water Name	TEANAWAY RIVER, N.F.		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	TI29YR	Old Segment ID #	WA-39-2150
Stream Route #	10.952	Water Resource Inventory Area	39
Township	21N	Waterbody Grid #	
Range	16E	Grid Latitude	
Section	05	Grid Longitude	
Basis for Consideration of Listing	Numerous excursions beyond the criterion sampled at the National Forest Boundary by Wenatchee National Forest in 1994 (submitted by Bella Patheal of EPA on 12/1/95) .		
Remarks			

Water Name	TEANAWAY RIVER, W.F.		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	OD70SN	Old Segment ID #	WA-39-2350
Stream Route #	0.13	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	15E	Grid Latitude	
Section	01	Grid Longitude	
Basis for Consideration of Listing	Yakama Indian Nation Tribal data (submitted by Carrol Palmer on 8/10/93) show multiple excursions beyond the criterion between 1990 and 1992.		
Remarks			

Water Name	TEANAWAY RIVER, W.F.		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	OD70SN	Old Segment ID #	WA-39-2350
Stream Route #	10.141	Water Resource Inventory Area	39
Township	21N	Waterbody Grid #	
Range	15E	Grid Latitude	
Section	19	Grid Longitude	
Basis for Consideration of Listing	Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96)show 19 excursions beyond the criterion in 1995.		
Remarks			

Water Name	TEANAWAY RIVER, W.F.		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	OD70SN	Old Segment ID #	WA-39-2300
Stream Route #	10.141	Water Resource Inventory Area	39
Township	21N	Waterbody Grid #	
Range	15E	Grid Latitude	
Section	19	Grid Longitude	
Basis for Consideration of Listing	Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96)show 32 excursions beyond the criterion in 1993 35 excursions beyond the criterion in1995 at station WFTY1.		
Remarks			

Water Name	TEANAWAY RIVER, W.F.		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	OD70SN	Old Segment ID #	WA-39-2350
Stream Route #	10.141	Water Resource Inventory Area	39
Township	21N	Waterbody Grid #	
Range	15E	Grid Latitude	
Section	19	Grid Longitude	
Basis for Consideration of Listing	Numerous excursions beyond the criterion sampled at the National forest Boundary by Wenatchee National Forest in 1994 (submitted by Bella Patheal of EPA on 12/1/95) .		
Remarks			

Water Name	THORP CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> Yes Action Needed None
New Segment ID #	WA85GA	Old Segment ID #	WA-39-1053
Stream Route #	0	Water Resource Inventory Area	39
Township	22N	Waterbody Grid #	
Range	14E	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	1 excursion beyond the criterion sampled at the mouth by Wenatchee National Forest on 7/24/94 (submitted by Bella Patheal of EPA on 12/1/95) .		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.		

Water Name	THORP CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	WA85GA	Old Segment ID #	WA-39-1053
Stream Route #	3.897	Water Resource Inventory Area	39
Township	22N	Waterbody Grid #	
Range	13E	Grid Latitude	
Section	25	Grid Longitude	
Basis for Consideration of Listing	Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96)show 5 excursions beyond the criterion in 1995.		
Remarks			

Water Name	WAPTUS RIVER		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	XB92PJ	Old Segment ID #	WA-39-1057
Stream Route #	0	Water Resource Inventory Area	39
Township	22N	Waterbody Grid #	
Range	14E	Grid Latitude	
Section	04	Grid Longitude	
Basis for Consideration of Listing	Numerous excursions beyond the criterion at the mouth sampled by Wenatchee National Forest in 1994 (submitted by Bella Patheal of EPA on 12/1/95) .		
Remarks			

Water Name	WENAS CREEK		
Parameter	Instream Flow	Mediu	Habitat
Place on 1998 List?	Yes	Listed in 1996	Yes Action Needed Other Control
New Segment ID #	RJ61TR	Old Segment ID #	WA-39-1012
Stream Route #	31.853	Water Resource Inventory Area	39
Township	16N	Waterbody Grid #	
Range	16E	Grid Latitude	
Section	24	Grid Longitude	
Basis for Consideration of Listing	<p>Yakima River Subbasin Plan, 1990;U.S. Bureau of Reclamation, 1990;U.S. Fish and Wildlife, 1990;SASSI, 1993;Nehlnson, et al. 1991.;The stream meets all the Water Quality Program Policy criteria for inadequate instream flow and has been added to the list. Hydrology was presented for 1967 to 1981. Minimum instream flow levels were recommended by the USFWS (Simmons, 1983) after doing studies. The minimum flows of 7 to 20 cfs for July Through October were not met on any days measured by USGS from 1967 to1981. The Spring Chinook and summer steelhead stocks in the Naches River are listed as depressed (SASSI, 1993). Wenas Creek suffers from p extremely heavy irrigation diversions, which usually dry up the lower nine miles of the creek according to the 1990 Yakima/Klickitat Production Report.</p>		
Remarks			

Water Name	WILLIAMS CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	Yes	Listed in 1996	Yes Action Needed TMDL
New Segment ID #	BI77WY	Old Segment ID #	WA-39-1425
Stream Route #	1.621	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	17E	Grid Latitude	
Section	02	Grid Longitude	
Basis for Consideration of Listing	<p>Yakama Indian Nation Tribal data (submitted by Carrol Palmer on 8/10/93) show multiple excursions beyond the criterion between1990 and 1992.</p>		
Remarks			

Water Name	WILSON CREEK		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	PY59BF	Old Segment ID #	WA-39-1020
Stream Route #	0	Water Resource Inventory Area	39
Township	18N	Waterbody Grid #	
Range	19E	Grid Latitude	
Section	30	Grid Longitude	
Basis for Consideration of Listing	Johnson and Prescott, 1980. Geometric mean of 1400 measured just upstream of Cascade canal during 1978 and 1979.		
Remarks			

Water Name	WILSON CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	PY59BF	Old Segment ID #	WA-39-1020
Stream Route #	0.023	Water Resource Inventory Area	39
Township	17N	Waterbody Grid #	
Range	19E	Grid Latitude	
Section	30	Grid Longitude	
Basis for Consideration of Listing	Yakama Indian Nation data (submitted by Carroll Palmer on 10/31/97) show 7 excursions beyond the criterion out of 16 samples (44%) in 1995. Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96) show 7 excursions beyond the criterion in 1995.		
Remarks			

Water Name	WILSON CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	PY59BF	Old Segment ID #	WA-39-1020
Stream Route #	0	Water Resource Inventory Area	39
Township	17N	Waterbody Grid #	
Range	19E	Grid Latitude	
Section	31	Grid Longitude	
Basis for Consideration of Listing	2 excursions beyond the criterion at USBR station YAV146 (at Thrall Road) on 8/28/90 and 7/25/94.		
Remarks			

Water Name	WILSON CREEK		
Parameter	Dieldrin	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed None
New Segment ID #	EB21AR	Old Segment ID #	WA-39-1020
Stream Route #	240.748	Water Resource Inventory Area	39
Township	17N	Waterbody Grid #	
Range	19E	Grid Latitude	
Section	31	Grid Longitude	
Basis for Consideration of Listing	Johnson, et al. 1986. , 1 excursion beyond the chronic criterion at Ecology station 39C070 (RM 0.4) on 6/24/85.		
Remarks	A single excursion beyond the criterion does not violate the water quality standards.		

Water Name	WILSON CREEK		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	EB21AR	Old Segment ID #	WA-39-1020
Stream Route #	242.727	Water Resource Inventory Area	39
Township	17N	Waterbody Grid #	
Range	18E	Grid Latitude	
Section	25	Grid Longitude	
Basis for Consideration of Listing	4 excursions beyond the criterion out of 11 samples (36%) at Ecology ambient monitoring station 39C070 (RM 0.4) between 9/91 and 9/96		
Remarks			

Water Name	YAKIMA RIVER		
Parameter	4,4'-DDE	Mediu	Tissue
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	EB21AR	Old Segment ID #	WA-39-1030
Stream Route #	297.908	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	15E	Grid Latitude	
Section	27	Grid Longitude	
Basis for Consideration of Listing	Johnson et al. 1986. , excursion beyond the criterion in edible tissue of the Mountain Whitefish on 8/19/85.		
Remarks			

Water Name	YAKIMA RIVER		
Parameter	DDT	Mediu	Tissue
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	EB21AR	Old Segment ID #	WA-39-1030
Stream Route #	297.908	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	15E	Grid Latitude	
Section	27	Grid Longitude	
Basis for Consideration of Listing	Johnson et al. 1986. , excursion beyond the criterion in edible tissue of the Mountain Whitefish on 8/19/85.		
Remarks			

Water Name	YAKIMA RIVER		
Parameter	Mercury	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	EB21AR	Old Segment ID #	WA-39-1030
Stream Route #	287.35	Water Resource Inventory Area	39
Township	19N	Waterbody Grid #	
Range	16E	Grid Latitude	
Section	04	Grid Longitude	
Basis for Consideration of Listing	Fuhner, et al. 1996. , 2 samples collected at station 6 (Cle Elum) exceeded the criterion between 1987 and 1990.;		
Remarks	USGS data from the 1987-1990 period are subject to contamination (Windom et al., 1991; Rickert, 1991).The results are inconsistent with Ecology data collected on these streams (Johnson, 1996; Johnson et al., 1986). Verification sampling is recommended (memorandum from Art Johnson to Steve Butkus and Will Kendra dated 4/24/98).		

Water Name	YAKIMA RIVER		
Parameter	Dieldrin	Mediu	Tissue
Place on 1998 List?	Yes	Listed in 1996	Yes Action Needed TMDL
New Segment ID #	EB21AR	Old Segment ID #	WA-39-1010
Stream Route #	223.402	Water Resource Inventory Area	39
Township	16N	Waterbody Grid #	
Range	19E	Grid Latitude	
Section	33	Grid Longitude	
Basis for Consideration of Listing	Johnson, et al. 1986. , excursion beyond the criterion of edible tissue in Spring Chinook on 5/21/85.		
Remarks	These old data likely represent current conditions and the segment continue to be listed based on these data per the 8/97 judgement of Bob Barwin and Joe Joy (Dept. of Ecology). This judgment is based on the fact that dieldrin was found in the lower basin in the Yakima TMDL study (unpublished).		

Water Name	YAKIMA RIVER		
Parameter	4,4'-DDE	Mediu	Tissue
Place on 1998 List?	Yes	Listed in 1996	Yes Action Needed TMDL
New Segment ID #	EB21AR	Old Segment ID #	WA-39-1010
Stream Route #	223.402	Water Resource Inventory Area	39
Township	16N	Waterbody Grid #	
Range	19E	Grid Latitude	
Section	33	Grid Longitude	
Basis for Consideration of Listing	Johnson, et al. 1986. , excursions beyond the criterion of edible tissue in Mountain Whitefish, Bridgelip sucker, Northern Squawfish, and Spring Chinook in 1985.		
Remarks	These old data likely represent current conditions and the segment continue to be listed based on these data per the 8/97 judgement of Bob Barwin and Joe Joy (Dept. of Ecology). This judgment is based on the fact that DDT metabolites continue to be found throughout the basin in the Yakima TMDL study (unpublished).		

Water Name	YAKIMA RIVER		
Parameter	Dieldrin	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> Yes Action Needed <input type="checkbox"/> None
New Segment ID #	EB21AR	Old Segment ID #	WA-39-1010
Stream Route #	229.127	Water Resource Inventory Area	39
Township	16N	Waterbody Grid #	
Range	19E	Grid Latitude	
Section	20	Grid Longitude	
Basis for Consideration of Listing	1 excursion beyond National Toxics Rule (40 CFR Part 131) criterion at USGS station 12484500 (at Utanum) on 7/27/88.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.		

Water Name	YAKIMA RIVER		
Parameter	Mercury	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	EB21AR	Old Segment ID #	WA-39-1010
Stream Route #	229.127	Water Resource Inventory Area	39
Township	16N	Waterbody Grid #	
Range	19E	Grid Latitude	
Section	20	Grid Longitude	
Basis for Consideration of Listing	Fuhrer, et al. 1996. , 3 samples collected at station 19 (Umtanum) exceeded the criterion between 1987 and 1990.		
Remarks	USGS data from the 1987-1990 period are subject to contamination (Windom et al., 1991; Rickert, 1991). The results are inconsistent with Ecology data collected on these streams (Johnson, 1996; Johnson et al., 1986). Verification sampling is recommended (memorandum from Art Johnson to Steve Butkus and Will Kendra dated 4/24/98).		

Water Name	YAKIMA RIVER		
Parameter	Silver	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	EB21AR	Old Segment ID #	WA-39-1010
Stream Route #	229.127	Water Resource Inventory Area	39
Township	16N	Waterbody Grid #	
Range	19E	Grid Latitude	
Section	20	Grid Longitude	
Basis for Consideration of Listing	Fuhrer, et al. 1996. , 2 samples collected at station 19 (Umtanum) exceeded the criterion between 1987 and 1990.;		
Remarks	USGS data from the 1987-1990 period are subject to contamination (Windom et al., 1991; Rickert, 1991).The results are inconsistent with Ecology data collected on these streams (Johnson, 1996; Johnson et al., 1986). Verification sampling is recommended (memorandum from Art Johnson to Steve Butkus and Will Kendra dated 4/24/98).		

Water Name	YAKIMA RIVER		
Parameter	Copper	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	EB21AR	Old Segment ID #	WA-39-1030
Stream Route #	253.662	Water Resource Inventory Area	39
Township	18N	Waterbody Grid #	
Range	18E	Grid Latitude	
Section	33	Grid Longitude	
Basis for Consideration of Listing	Fuhrer, et al. 1996. , 4 samples collected at station 6 (Cle Elum) exceeded the criterion between 1987 and 1990.;		
Remarks	USGS data from the 1987-1990 period are subject to contamination (Windom et al., 1991; Rickert, 1991).The results are inconsistent with Ecology data collected on these streams (Johnson, 1996; Johnson et al., 1986). Verification sampling is recommended (memorandum from Art Johnson to Steve Butkus and Will Kendra dated 4/24/98).		

Water Name	YAKIMA RIVER		
Parameter	Cadmium	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	EB21AR	Old Segment ID #	WA-39-1030
Stream Route #	287.35	Water Resource Inventory Area	39
Township	19N	Waterbody Grid #	
Range	16E	Grid Latitude	
Section	04	Grid Longitude	
Basis for Consideration of Listing	Fuhrer, et al. 1996. , 6 samples collected at station 6 (Cle Elum) exceeded the criterion between 1987 and 1990.;		
Remarks	USGS data from the 1987-1990 period are subject to contamination (Windom et al., 1991; Rickert, 1991).The results are inconsistent with Ecology data collected on these streams (Johnson, 1996; Johnson et al., 1986). Verification sampling is recommended (memorandum from Art Johnson to Steve Butkus and Will Kendra dated 4/24/98).		

Water Name	YAKIMA RIVER		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	EB21AR	Old Segment ID #	WA-39-1060
Stream Route #	310.319	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	14E	Grid Latitude	
Section	36	Grid Longitude	
Basis for Consideration of Listing	2 excursions beyond the criterion out of 12 samples (17%) at Ecology ambient monitoring station 39A090 (RM 191.0) between 9/91 and 9/96;;		
Remarks			

Water Name	YAKIMA RIVER		
Parameter	Dissolved Oxygen	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	EB21AR	Old Segment ID #	WA-39-1060
Stream Route #	310.319	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	14E	Grid Latitude	
Section	36	Grid Longitude	
Basis for Consideration of Listing	3 excursions beyond the criterion out of 12 samples (25%) at Ecology ambient monitoring station 39A090 (RM 191.0) between 9/91 and 9/96;;		
Remarks			

Water Name	YAKIMA RIVER		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	EB21AR	Old Segment ID #	WA-39-1070
Stream Route #	330.411	Water Resource Inventory Area	39
Township	20N	Waterbody Grid #	
Range	13E	Grid Latitude	
Section	10	Grid Longitude	
Basis for Consideration of Listing	30 excursions beyond the criterion sampled at the mouth to Lake Easton by Wenatchee National Forest in 1994 (submitted by Bella Patheal of EPA on 12/1/95) .		
Remarks			

Water Name	YAKIMA RIVER		
Parameter	Copper	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	EB21AR	Old Segment ID #	WA-39-1010
Stream Route #	229.127	Water Resource Inventory Area	39
Township	16N	Waterbody Grid #	
Range	19E	Grid Latitude	
Section	20	Grid Longitude	
Basis for Consideration of Listing	Fuhrer, et al. 1996. , 2 samples collected at station 19 (Umtanum) exceeded the criterion between 1987 and 1990.;		
Remarks	USGS data from the 1987-1990 period are subject to contamination (Windom et al., 1991; Rickert, 1991).The results are inconsistent with Ecology data collected on these streams (Johnson, 1996; Johnson et al., 1986). Verification sampling is recommended (memorandum from Art Johnson to Steve Butkus and Will Kendra dated 4/24/98).		

Water Name	YAKIMA RIVER		
Parameter	Cadmium	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	EB21AR	Old Segment ID #	WA-39-1010
Stream Route #	229.127	Water Resource Inventory Area	39
Township	16N	Waterbody Grid #	
Range	19E	Grid Latitude	
Section	20	Grid Longitude	
Basis for Consideration of Listing	Fuhrer, et al. 1996. , 4 samples collected at station 19 (Umtanum) exceeded the criterion between 1987 and 1990.;		
Remarks	USGS data from the 1987-1990 period are subject to contamination (Windom et al., 1991; Rickert, 1991).The results are inconsistent with Ecology data collected on these streams (Johnson, 1996; Johnson et al., 1986). Verification sampling is recommended (memorandum from Art Johnson to Steve Butkus and Will Kendra dated 4/24/98).		

Water Name	YAKIMA RIVER		
Parameter	DDT	Mediu	Tissue
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	EB21AR	Old Segment ID #	WA-39-1010
Stream Route #	223.402	Water Resource Inventory Area	39
Township	16N	Waterbody Grid #	
Range	19E	Grid Latitude	
Section	33	Grid Longitude	
Basis for Consideration of Listing	Johnson, et al. 1986. , excursions beyond the criterion of edible tissue in Mountain Whitefish, Bridgelip sucker, Northern Squawfish, and Spring Chinook in 1985.		
Remarks	These old data likely represent current conditions and the segment continue to be listed based on these data per the 8/97 judgement of Bob Barwin and Joe Joy (Dept. of Ecology). This judgment is based on the fact that DDT metabolites continue to be found throughout the basin in the Yakima TMDL study (unpublished).		

Water Name	YAKIMA RIVER		
Parameter	Ammonia-N	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed None
New Segment ID #	EB21AR	Old Segment ID #	WA-39-1030
Stream Route #	240.748	Water Resource Inventory Area	39
Township	17N	Waterbody Grid #	
Range	18E	Grid Latitude	
Section	14	Grid Longitude	
Basis for Consideration of Listing	Glenn, 1993. , potential for ammonia toxicity in the receiving water from the Ellensburg discharge (Yakima RM 151.6).		
Remarks	The NPDES permit WA0024341 for the Ellensburg STP issued on June 1, 1996 has effluent limitations for ammonia.		